

6 Budget Item

TOBACCO INDUSTRY RESEARCH COMMITTEE  
350 FIFTH AVENUE NEW YORK 1, N. Y.

Salaries  
Expenses **Renewal of**  
Application For Research Grant  
Overhead  
Other

\$28,500.00  
\$52,811.00  
1,250.00  
\$2,500.00

Date: December 6, 1955

1. Name of Investigator: **William S. Murray, Sc.D.** Professor at National Bureau of Health and the Tobacco Industry Research Committee in the phase of experimental research on tobacco in relation to health with special emphasis on use of inbred animal strains.
2. Title: **Research Associate and Administrative Director of the Laboratory.**

The purpose of the proposed work is to establish and run the job. As Administrative Director of the Laboratory.

3. Institution: **Roscoe B. Jackson Memorial Laboratory** established by T.I.R.C. in 1953, in Bar Harbor, Maine.

4. Project or Subject: The production of genetically controlled animals and tumors for possible use by T.I.R.C. grantees in experimental research on tobacco in relation to health by (a) the expansion of known inbred stocks and sources of tumor supply; (b) the production of such hybrids or heterozygous types as becomes necessary; and (c) the relation of this material to specific experimental work at the Laboratory.

5. Detailed Plan of Procedure (Use reverse side if additional space is needed):

1. To continue the planned expansion of the inbred nucleolus and nucleus outlined in our original proposal. The purpose of this work is to expand the number of inbred stocks and sources of tumor supply by the production of such hybrids or heterozygous types as becomes necessary; and (c) the relation of this material to specific experimental work at the Laboratory.
2. To continue the checks and controls for health and purity of strain in the nucleus and breeding colony.
3. To continue the checks and controls over the 20 or more transplantable tumors carried.
4. To continue the study of the life histories of first generation hybrids.
5. To expand the breeding colony started in 1955 to the point where it produces approximately 10,000 animals per month.

Signature: **William S. Murray**  
Director of Project

Date: **December 6, 1955**  
Business Office of the Institute

1003541558

**TOBACCO INDUSTRY RESEARCH COMMITTEE**  
350 FIFTH AVENUE NEW YORK 1, N. Y.

6. Budget Plan:

Salaries	2
Expendable Supplies	\$29,500.00
Application for Research Grant	4,139.00
Permanent Equipment	1,500.00
Overhead	4,200.00
Other	
Date: December	
Total	\$32,339.00

7. Anticipated Duration of Work: This is a continuing problem of parallel duration with the interest of the Tobacco Industry Research Committee in any phase of experimental research on tobacco in relation to health which includes the use of controlled animal
8. Facilities and Staff Available: material to be used in vivo or in vitro.

The staff to accomplish the proposed work is available and on the job. No additional facilities are needed. The new mouse room, equipped by T.I.R.C. in 1955, is completed and functioning very satisfactorily.

9. Additional Requirements: (a) replacement of animal cages and animal material to be used in vivo or in vitro.

Replacement of animal cages --- \$1,500.00

10. Additional Information (Including relation of work to other projects and other sources of supply):

As mentioned in our Report of Progress, the timing of this effort has been fortunate, particularly in that it protects workers on T.I.R.C. projects against the pressure for mice created by the greatly expanded chemotherapy program of the United States Public Health Service.

1. To continue the checks and controls over the 10 or more transplantable tumors carried.

2. To continue the study of the life histories of first generation hybrids.

3. To expand the breeding colony started in 1955 to the point where it produces approximately 10,000 animals per month.

Signature s/ William S. Murray  
Director of Project

s/ Dale J. Foley  
Business Officer of the Institution

Comptroller

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